

OS 6100

USP Class VI Flexible PVC Medical Grade Film

Description: USP Class VI, Non-Phthalate Single-ply unsupported calendered film, typically 6-15 mil (0.15-0.975 mm). Produced using FDA raw materials. MA compound.

Typical Applications: USP Class VI Medical Film (blood bags, enteral feeding)

Typical Processes Supported: RF welding, UV Printing, Gamma and ETO Sterilizable

Property		Typical Results	Units	Test Method
Tensile Strength	MD	>2300	%	ASTM D882
	CD	>2200		
100% Modulus	MD	>1200	psi	ASTM D882
	CD	>1000		
Elongation	MD	>400	psi	ASTM D882
	CD	>400		
Thickness		0.0145 ± 0.001	Inches	SAE J882
Hardness		72	Shore A	ASTM D2240
Specific Gravity		1.26 ± 0.02	SG	ASTM D792
Dimensional Stability		≤ 7.0	%	10 M @ 100°C
Embossing		TBD	N/A	Profilometer
Layflat		≤ 3/8	Inches	Visual, certified rule

The above properties do not constitute a warranty or specification. Test values are based on material conditioned and tested in a controlled laboratory environment using established standards and procedures. Properties may vary based on embossed grain, color, multi-ply laminate construction and other variables.

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